

# Muncaster Road Improvements -- No. 509943

Category  
Agency  
Planning Area  
Relocation Impact

Transportation  
Public Works & Transportation  
Upper Rock Creek  
None

Date Last Modified  
Previous PDF Page Number  
Required Adequate Public Facility

January 10, 2004  
11-88(03 App)  
NO

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	1,171	558	345	268	128	140	0	0	0	0	0
Land	354	3	171	180	180	0	0	0	0	0	0
Site Improvements and Utilities	461	0	225	236	16	220	0	0	0	0	0
Construction	1,463	0	0	1,463	1,177	286	0	0	0	0	0
Other											
Total	3,449	561	741	2,147	1,501	646	0	0	0	0	0

## FUNDING SCHEDULE (\$000)

G.O. Bonds	2,798	556	741	1,501	1,501	0	0	0	0	0	0
Federal Aid	645	0	0	645	0	645	0	0	0	0	0
Intergovernmental	6	5	0	1	0	1	0	0	0	0	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

Energy				20	0	4	4	4	4	4	0
Net Impact				20	0	4	4	4	4	4	0

## DESCRIPTION

This project provides roadway improvements along Muncaster Road including horizontal and vertical realignment for approximately 3,300 linear feet from Hollingsworth Drive to the entrance of the Agricultural History Farm Park and replacement of the existing bridge superstructure over Rock Creek. The pavement section will be increased from a 20-foot width to a 24-foot width with 8-foot grass shoulders on both sides. Streetlighting will be provided within the project limits.

## Service Area

Redland and vicinity (Rural Policy Area).

## Capacity

Average Daily Traffic (ADT) has been projected to increase from the current 9,000 vehicles per day to 14,000 vehicles per day by design year 2020.

## JUSTIFICATION

The original master plan scope consisted of a two-lane roadway following the existing alignment from MD 108 to the Agricultural History Farm Park and then turned westward to align opposite Shady Grove Road at Airpark Drive. The reduced scope focuses on the need to provide safety improvements at localized spots. The two locations which exhibited the highest accident rate are included in this project.

## Plans and Studies

A 1994 study of the Upper Rock Creek Master Plan reviewed a comprehensive set of issues in regard to the proposed master plan. After public meetings, the scope of this project was reduced from the master plan scope to reduce impacts on adjacent property owners. A review of impacts to pedestrians, bicyclist and the requirements of the ADA (Americans with Disabilities Act of 1991) is being performed and addressed by this project. Traffic signals, streetlights, crosswalks, bus stops, sidewalk ramps, bikeways and other pertinent issues are being considered in the design of the project to ensure pedestrian safety.

## Cost Change

Increase due to higher than anticipated costs for design, land, and construction.

## STATUS

Final design stage.

## OTHER

The scope has been updated to replace the superstructure of the bridge rather than attempt to salvage the existing steel beams. The construction cost for the replacement of the bridge superstructure and 600 feet of the approach road are eligible for 80 percent Federal funding. The bridge over Rock Creek will be closed for approximately six months. Preliminary design costs were funded from the Facility Planning - Transportation project. The Intergovernmental revenue shown in the funding schedule is from WSSC as its share of utility relocation costs.

## APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY99	(\$000)
Initial Cost Estimate		1,510
First Cost Estimate		
Current Scope	FY05	3,449
Last FY's Cost Estimate		2,880
Present Cost Estimate		3,449
Appropriation Request	FY05	569
Appropriation Request Est.	FY06	0
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		2,880
Expenditures/		
Encumbrances		612
Unencumbered Balance		2,268
Partial Closeout Thru	FY02	0
New Partial Closeout	FY03	0
Total Partial Closeout		0

## COORDINATION

Department of Environmental Protection  
Facility Planning: Transportation  
Maryland Department of Natural Resources  
Maryland-National Capital Park and Planning  
Commission  
Maryland Highway Administration  
Department of Permitting Services  
U.S. Army Corps of Engineers  
Washington Gas Light Company  
WSSC  
Verizon  
PEPCO

## MAP

See Map on Next Page

